



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor : Joel W. Hoehn et al.

Appln. No.: 09/871,004

Filed : May 31, 2001

For : PROCESS FOR PRODUCTION OF
ULTRATHIN PROTECTIVE
OVERCOATS

Docket No.: SC1.12-0805

Group Art Unit: 1762

Examiner: Marianne L.
Padgett

AMENDMENT

Mail Stop Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING
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18 DAY OF June, 2003.

PATENT ATTORNEY

Sir:

This amendment is in response to the Official Action dated March 27, 2003. Please amend the above-identified application as follows:

IN THE CLAIMS

Please amend claims 4, 10, 12, 13 and 18 as follows:

4. (Twice Amended) A process of forming a coating on a substrate, the process comprising steps of:

- a) forming a coating on the substrate comprising a plurality of layers of fullerene molecules;
- b) adjusting a beam generator to produce a beam arranged to break the fullerene-to-fullerene intermolecular bond of the coating and inadequate to break the fullerene-to-substrate association/bond of the coating; and
- c) directing the beam at the coating to break the fullerene-to-fullerene intermolecular bond while maintaining a temperature of the substrate at no more than about 200 degrees C, leaving an